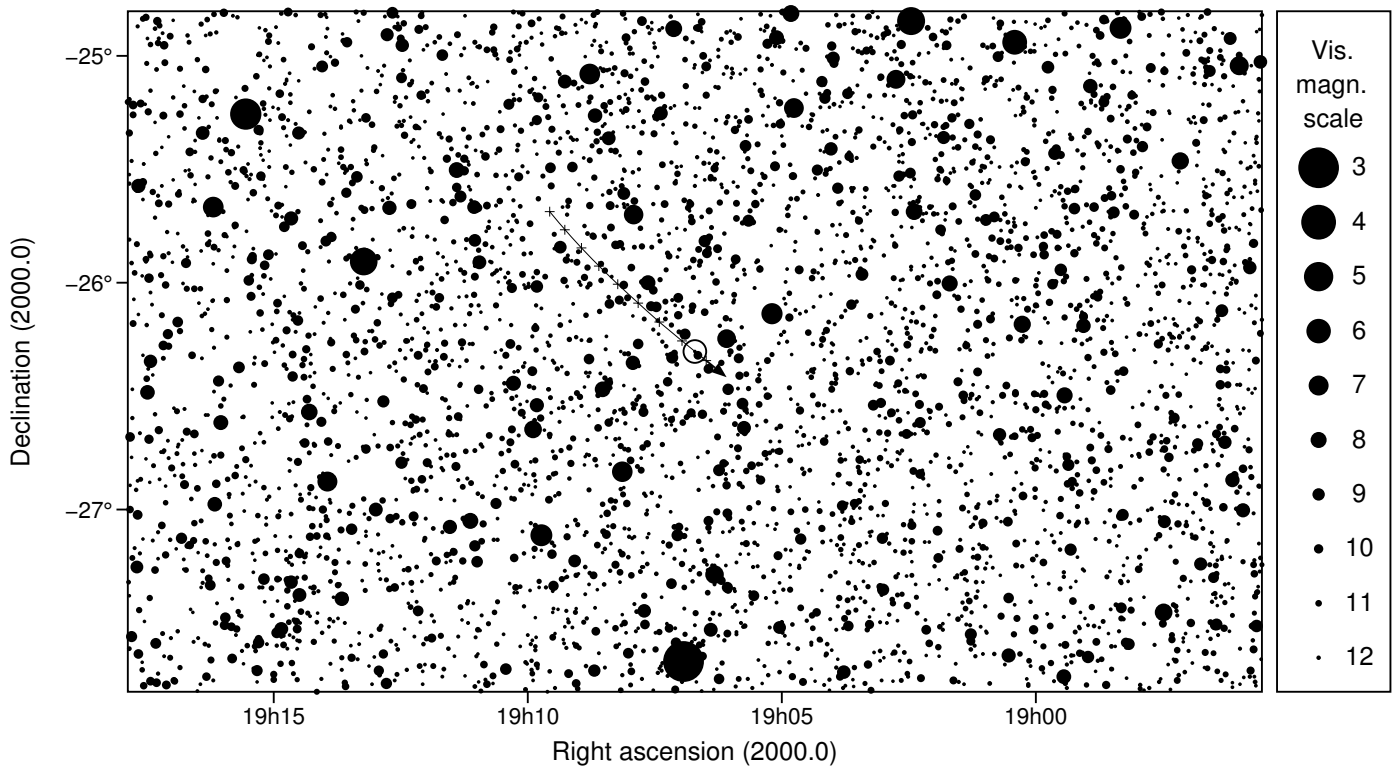
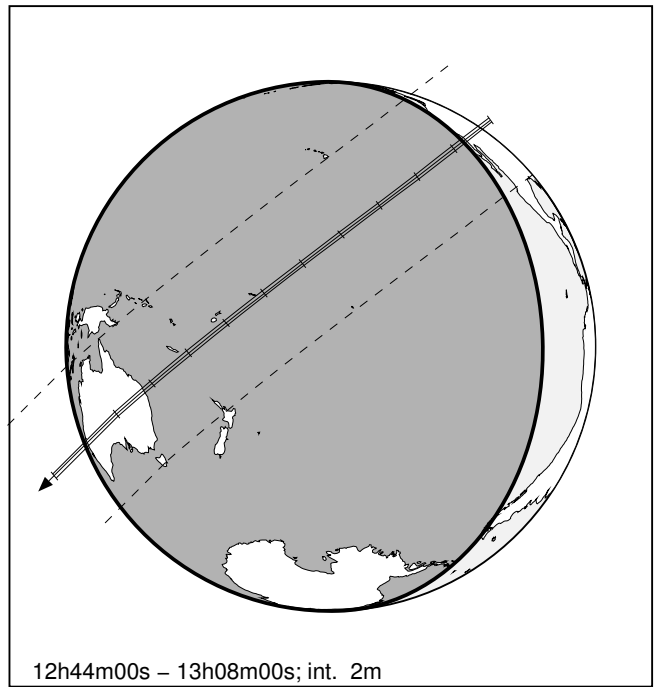
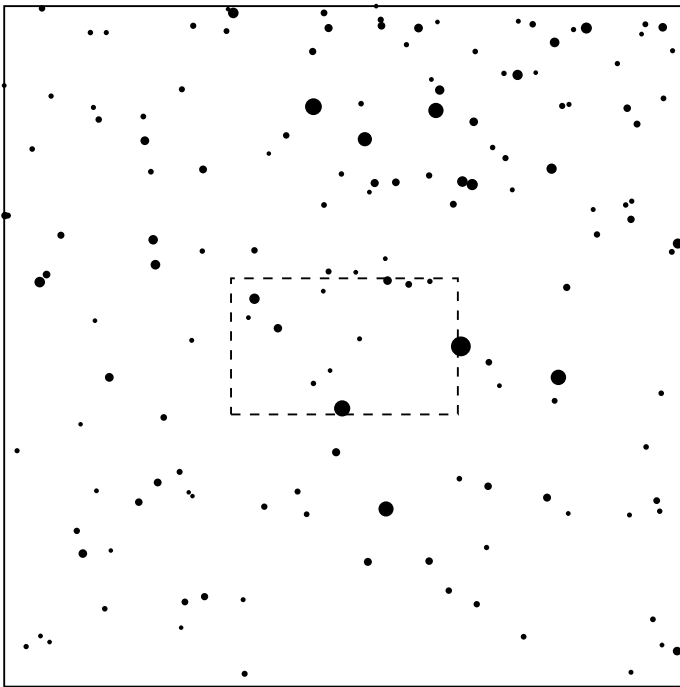


471 Papagena & PPMX 12755688

2024 may 29 12^h55.2^m U.T.

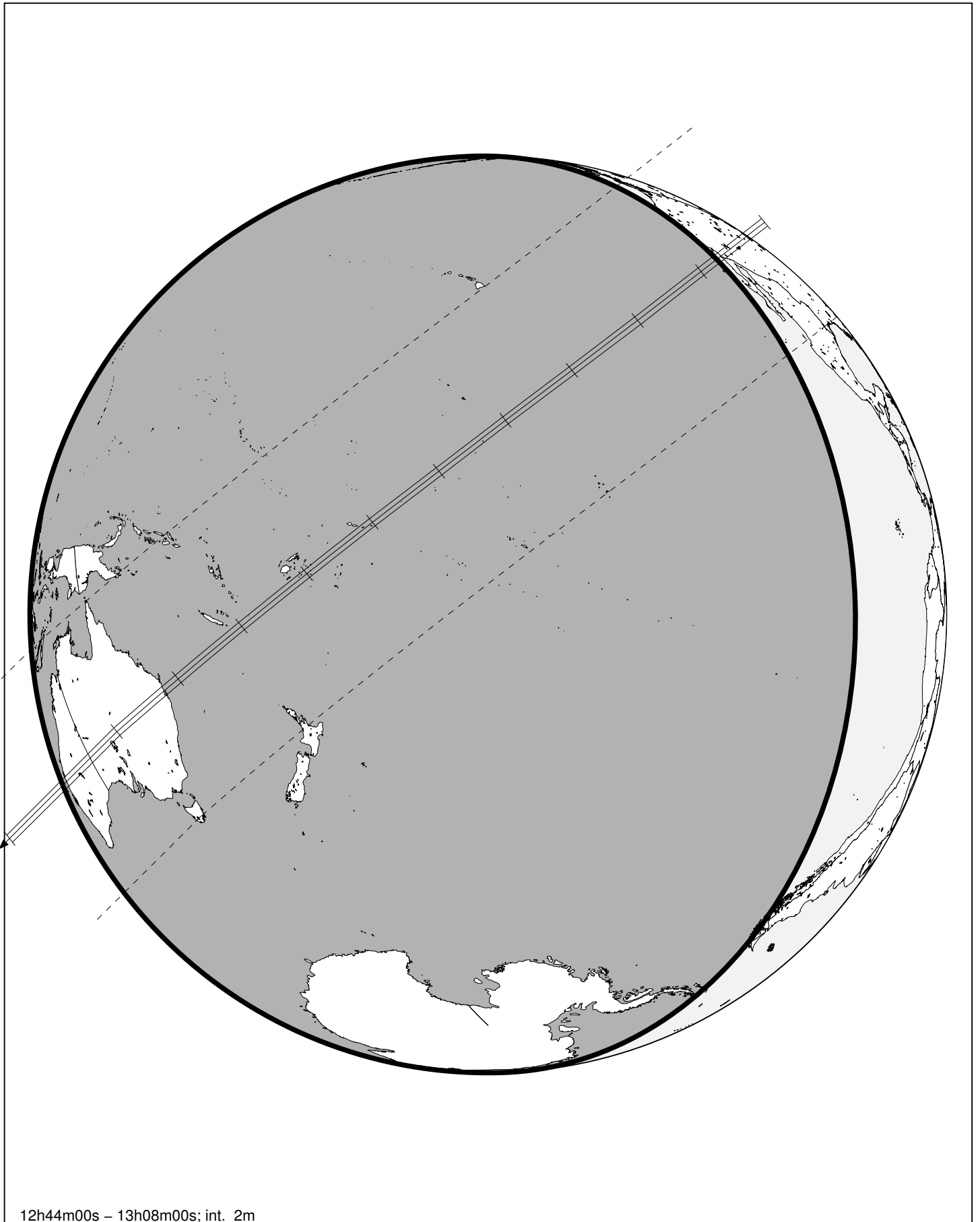
Planet: $a = 2.89, e = 0.23$
 V. mag. = 11.53 Diam. = 127.0 km = 0.08"
 $\mu = 20.31''/h$ $\pi = 3.85''$ Ref. = EG2022
 $\Delta m = 0.4$ Max. dur. = 13.6s

Star: Source cat. PPMX
 $\alpha = 19^h 06^m 42.647^s$ $\delta = -26^\circ 18' 15.55''$
 Vmag = 12.46 mag =
 Sun : 143° Moon : 38° , 63%



471 Papagena & PPMX 12755688

2024 may 29 12^h55.2^m U.T.



12h44m00s – 13h08m00s; int. 2m